

Fig. 1

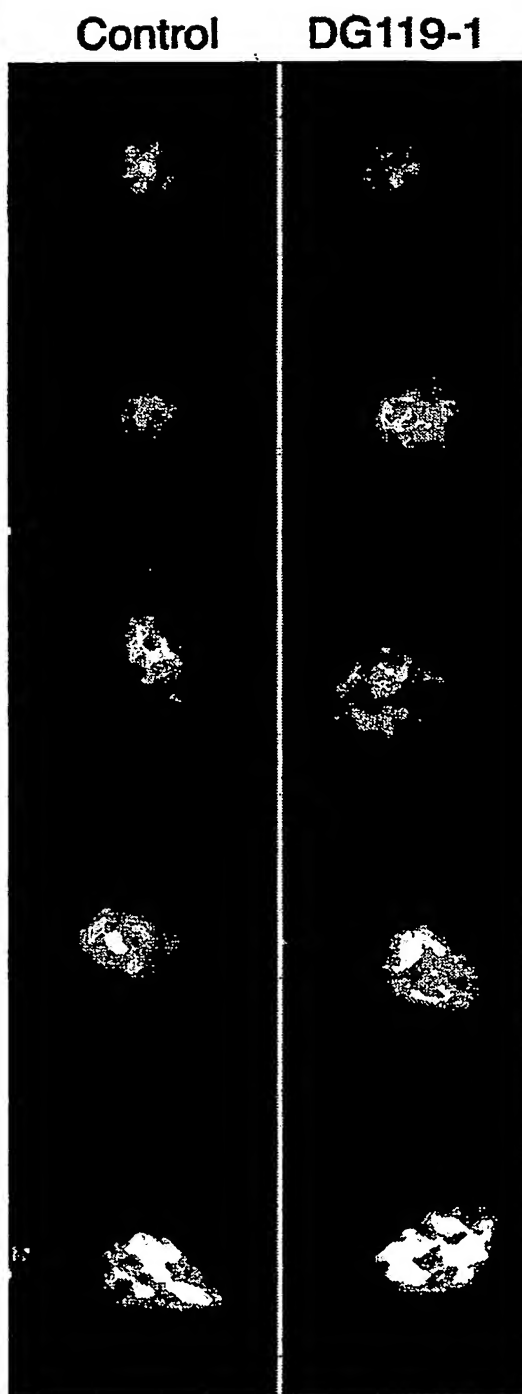


Fig. 2

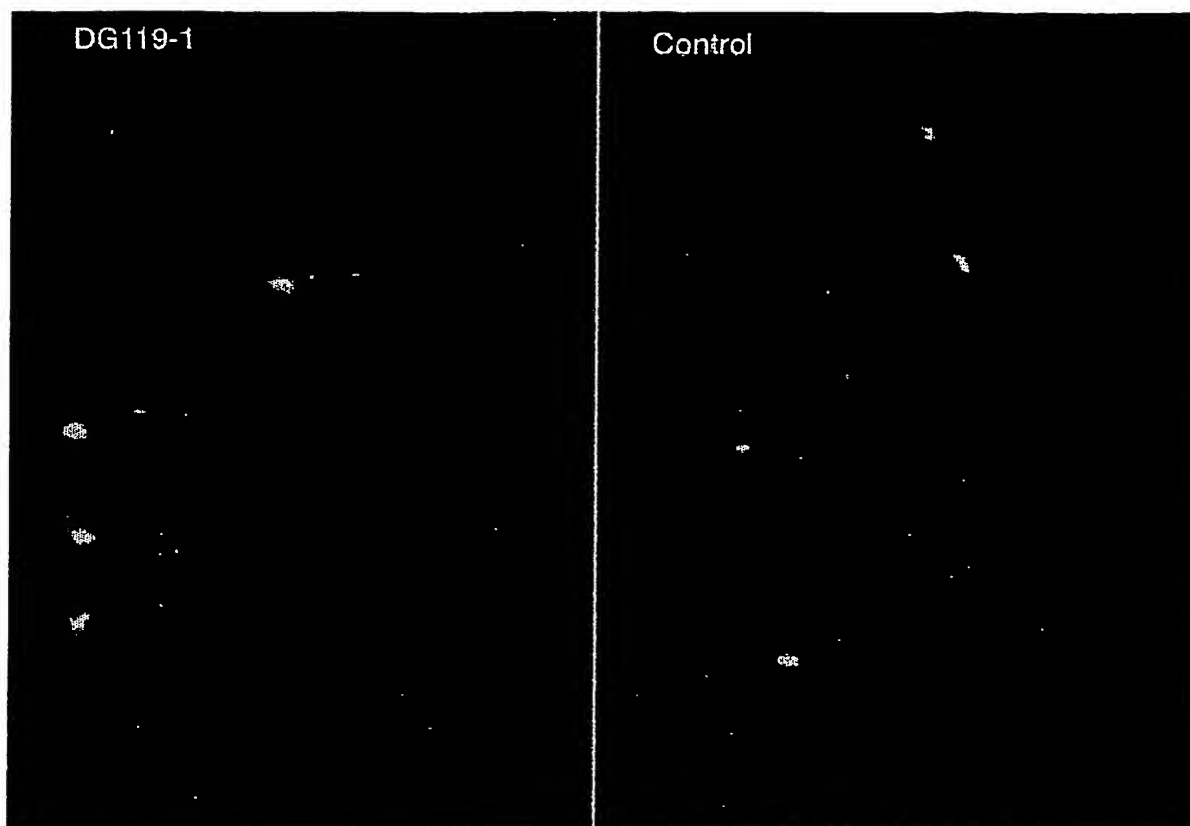


Fig. 3

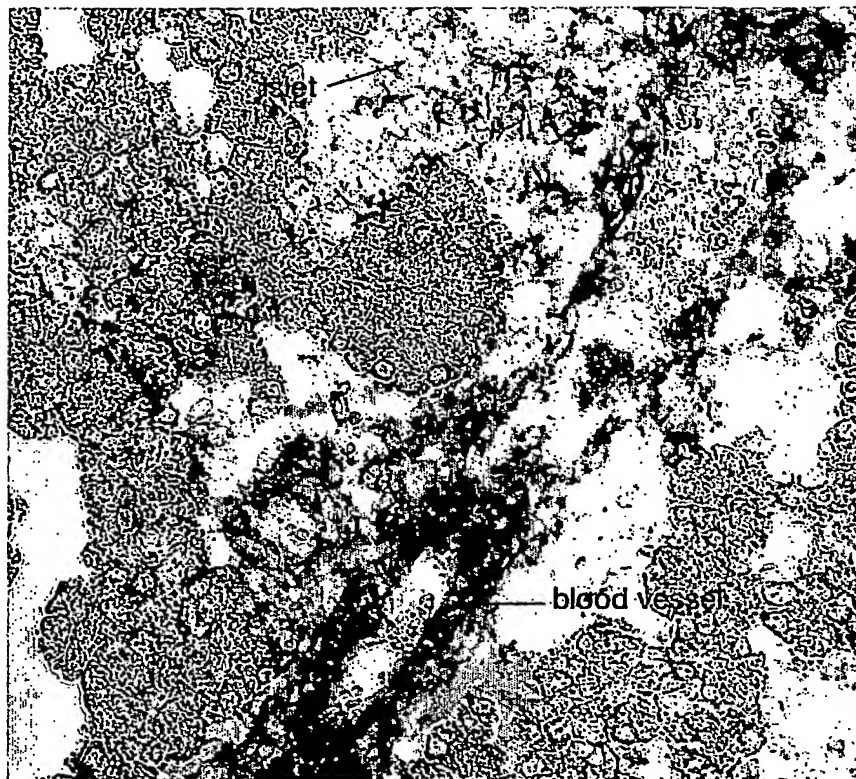


Fig. 4A

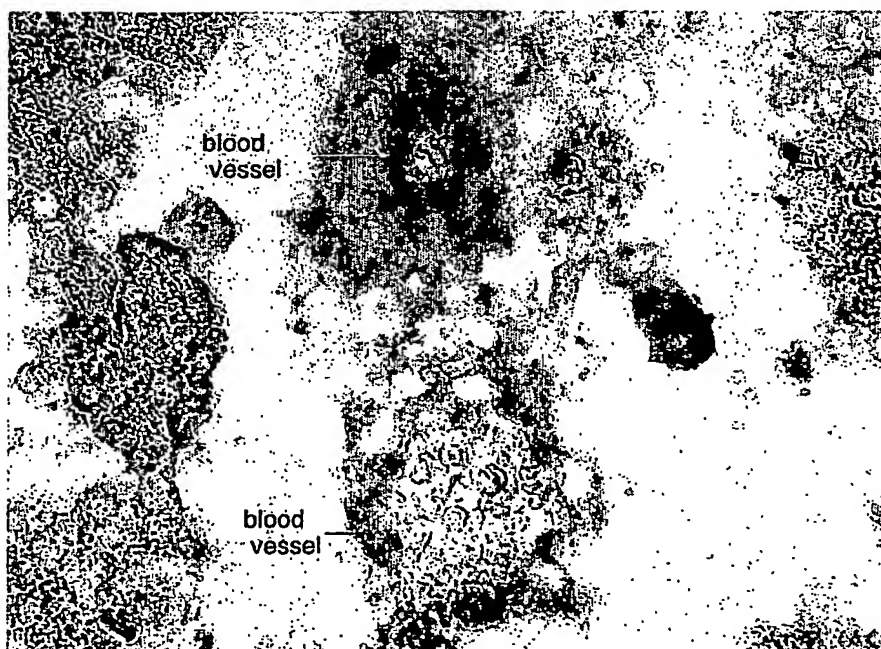


Fig. 4B

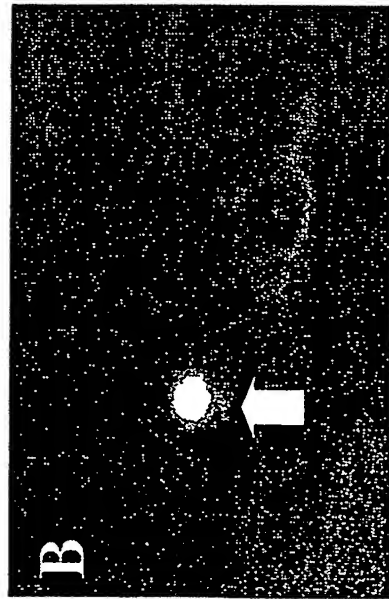
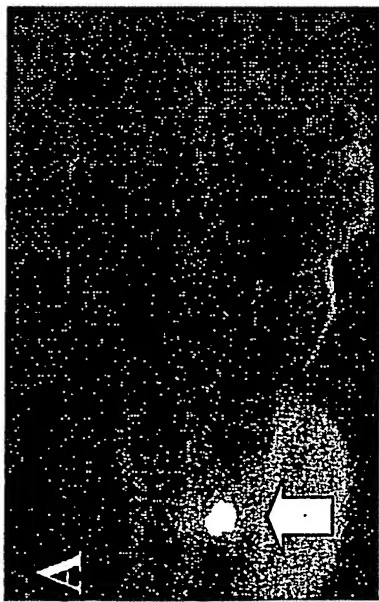
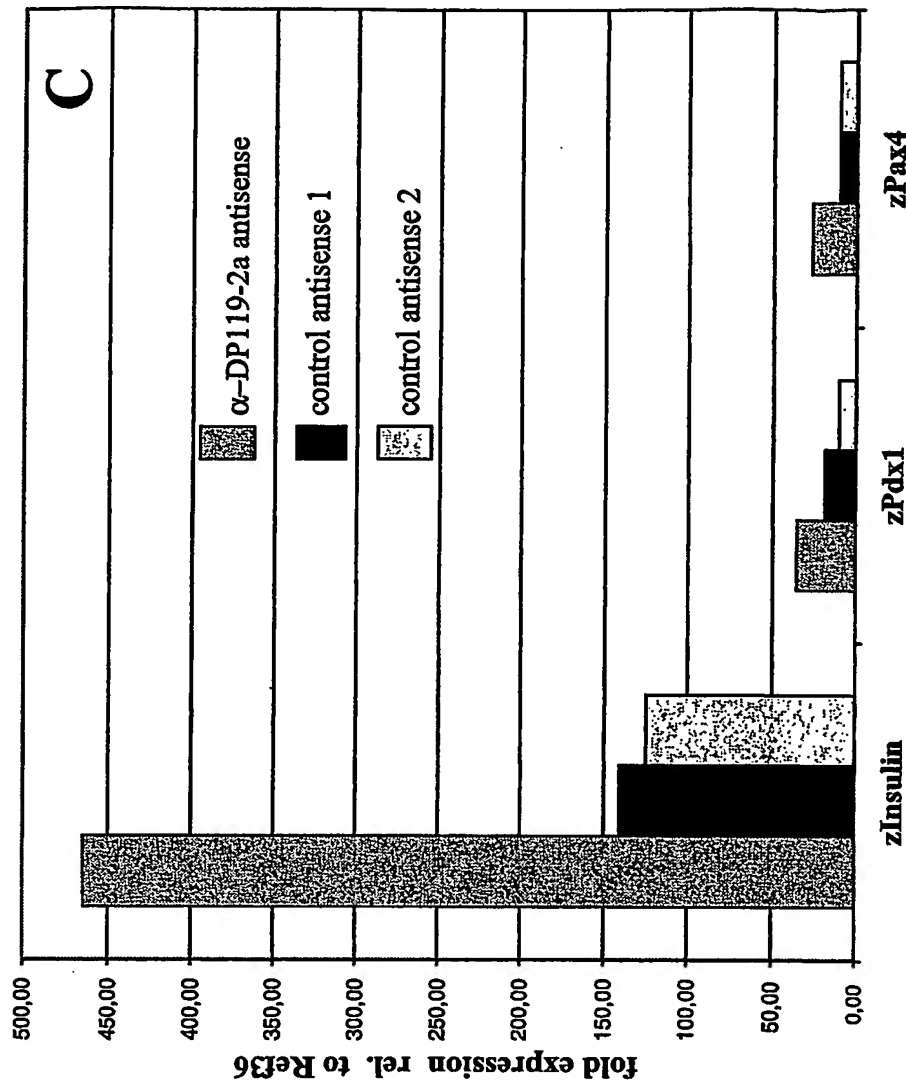


Fig. 5

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1 MTEMKIWCVL LMAFALTSAA PKSHLRLEEK TKDNNDTLQV EIDNQEHILS QLLGDYDKVK
61 ALSEGSDCGC KCVVRPLSAS ACQRIREGHA TPQDFYTVET ITSGPHCKCA CIAPPSALNP
121 CEGDFRLKKL RQAGKDNKL STILELLEGS FYGMDLLKLH SVTTKILDRM DTIEKMVLNN
181 QTEEKLNITIS TSPNPQLSTS SPTTLPSVIQ EKSTSLRQON DEAAAFQHME SKYEEKFVGD
241 ILNSGSDLNK ATTALQEQEQ QGRKKQPKIT VRGITYYRSD PVDMDSEKN LKETSASSVT
301 QTGALIKEHL KASTQSTLNT LTPSPTSHSN ALTVTESSVG INAHKGEVTT IVMTASVTGS
361 KTDSVTDLTQ LSPRVRETLT TTRTTTTKTAT TSQPVKRKYS ISWDEEEEA VPEQVEEEKA
421 VKPVVEDKVG EEPQRKPGTA HHQAKTISTV KQKIKFSLGM CKDTLATISE PITHNTYGRN
481 EGAWMKDPLD QDDKIYVTNY YYGNNLLEFR NIDVFKQGRF TNSYKLPYNW IGTGHVYKYG
541 AFYYNRAFSR DIIKFDLRLR YVAAWTMLHD AVFENDDVSS WRWRGNSDMD LAIDESGLWV
601 IYPALDDEGF LQEVIVLSRL NPTDLSMKRE TTWRTGLRRN RYGNCFIVCG VLYATDSYNQ
661 QDTNLSYAFD THTNTQVIPH LPFSNNYTYV TQIDYNPKER VLYAWDNGHQ VTYNVQFAY

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Fig. 6A

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1 MGLLLYIFCC VFCLTRANVE QQATDNTDNR ATLEDEMDNQ ENILTQLIGD YDKVKTLSEG
61 SDCQCKCVVR PMSRSACKRI EEAQAKIEDF YTVEPVTAGP NCKKCACIAP PSALNPCEGD
121 FRFKKLOKTG QYDIKLSNIM DLLEERVNDI EKGEKGQKKG ARSNQRQEK KRLSVVCWSL
181 HCRRTQORLL LTLRYRCXSV LEPSLQKNAA AFAHTEVQM QQFIPDQKY EEKFVGNQGP
241 SKPVLKKSXS EGQEEQHHPA KTKADAKNMS LRSMTFYKAN RMEDSEGEER DLII EDQLHK
301 QGLNTFVTTT EATVTVTQST TINLNTQNFT TARMSNVTKQ TQGQSVKAMM SSTITTERPT
361 MPTSTSTST MTPGTNTTTI ATPLVVPKQL ASVTVGQVSN SYKLPYNWIG TGHVVYSGSF
421 FYNRAFSRDI IRFDLRLRYV AAWTTLHDAI LEEEEEAPWTW GGHSDIDFSV DESGLWLVPY
481 ALDDEGFHQE VIILSKLRAS DLQKEKSWRT GLRRNYGNC FVICGVLYAV DSFERTHANI
541 SYAFDTHTHT QMIPRLPFFIN NYTYTTQIDY NPKERMLYAW DNGHQVTDYV IFAY

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Fig. 6B

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1 MWRIVELVAC LLMMSSHVSS QSKIFGEEQV RMTSEGSDCR CKCIMRPLTR DACARLRTGS
61 VRVEDFYTVE TVSSGADCKC SCTAPPSSLN PCENEWKREK LKKQAPPELL LQSMVDLLEG
121 TLFSMDLLKV HSYINKVVSQ MNNLEE

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Fig. 6C

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1 MWIYASVLT Y LLLLTRDARS LSKIFGEPEP VKMISEGSDC RCKCVMRPLS IEACSRLRDG
61 SLRVDDFYTV ETVSSGSDCK CSCTAPPSSL NPCENEWRT KLKKQAPELL KLHSMVDLLE
121 GTLYSMDLMK VHAYMNKVVS QMNTLEEVMT IKTNLTRNE FVRDSVVNLS NQLKRYENYS
181 DIMVSIKKEI SSLGLQLLQK DAASDSKAQV GTESKKSKEA IKPPNKKPPA VKPPPQKPK
241 KPVKPKKEAP AKAAPKAPD PTTKTKTSVH QTGVIRGITY YKASKSE

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Fig. 6D

Fig. 7

		370	380	390	400	410	420
DG119-1	Mm	-----	-----	-----	-----	-----	-----
DG119-1	Hs	-----	-----	-----	-----	-----	-----
DG119-1a	Dr	-----	-----	-----	-----	-----	-----
DG119-1b	Dr	-----	-----	-----	-----	-----	-----
DG119-2a	Dr	-----	-----	-----	-----	-----	-----
DG119-2b	Dr	-----	-----	-----	-----	-----	-----
DG119-2	Mm	-----	-----	-----	-----	-----	-----
DG119-2	Hs	-----	-----	-----	-----	-----	-----
		430	440	450	460	470	480
DG119-1	Mm	-----	-----	-----	-----	-----	-----
DG119-1	Hs	-----	-----	-----	-----	-----	-----
DG119-1a	Dr	-----	-----	-----	-----	-----	-----
DG119-1b	Dr	-----	-----	-----	-----	-----	-----
DG119-2a	Dr	-----	-----	-----	-----	-----	-----
DG119-2b	Dr	-----	-----	-----	-----	-----	-----
DG119-2	Mm	-----	-----	-----	-----	-----	-----
DG119-2	Hs	-----	-----	-----	-----	-----	-----
		490	500	510	520	530	540
DG119-1	Mm	-----	-----	-----	-----	-----	-----
DG119-1	Hs	-----	-----	-----	-----	-----	-----
DG119-1a	Dr	-----	-----	-----	-----	-----	-----
DG119-1b	Dr	-----	-----	-----	-----	-----	-----
DG119-2a	Dr	-----	-----	-----	-----	-----	-----
DG119-2b	Dr	-----	-----	-----	-----	-----	-----
DG119-2	Mm	-----	-----	-----	-----	-----	-----
DG119-2	Hs	-----	-----	-----	-----	-----	-----
		550	560	570	580	590	600
DG119-1	Mm	-----	-----	-----	-----	-----	-----
DG119-1	Hs	-----	-----	-----	-----	-----	-----
DG119-1a	Dr	-----	-----	-----	-----	-----	-----
DG119-1b	Dr	-----	-----	-----	-----	-----	-----
DG119-2a	Dr	-----	-----	-----	-----	-----	-----
DG119-2b	Dr	-----	-----	-----	-----	-----	-----
DG119-2	Mm	-----	-----	-----	-----	-----	-----
DG119-2	Hs	-----	-----	-----	-----	-----	-----
		610	620	630	640	650	660
DG119-1	Mm	-----	-----	-----	-----	-----	-----
DG119-1	Hs	-----	-----	-----	-----	-----	-----
DG119-1a	Dr	-----	-----	-----	-----	-----	-----
DG119-1b	Dr	-----	-----	-----	-----	-----	-----
DG119-2a	Dr	-----	-----	-----	-----	-----	-----
DG119-2b	Dr	-----	-----	-----	-----	-----	-----
DG119-2	Mm	-----	-----	-----	-----	-----	-----
DG119-2	Hs	-----	-----	-----	-----	-----	-----
		670	680	690	700	710	720
		730	740	750	760	770	780
DG119-1	Mm	-----	-----	-----	-----	-----	-----
DG119-1	Hs	-----	-----	-----	-----	-----	-----
DG119-1a	Dr	-----	-----	-----	-----	-----	-----
DG119-1b	Dr	-----	-----	-----	-----	-----	-----
DG119-2a	Dr	-----	-----	-----	-----	-----	-----
DG119-2b	Dr	-----	-----	-----	-----	-----	-----
DG119-2	Mm	-----	-----	-----	-----	-----	-----
DG119-2	Hs	-----	-----	-----	-----	-----	-----
		----- Olfactomedin-like domain -----					

Fig. 7 (cont.)

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			790	800	810	820	830	840
			----- ----- ----- ----- ----- -----					
DG119-1	Mm		FKQGRWSNSYKLPYSWIGTGHVVYNGAFYYNRAFTRNIIKYDLKQRYVAAWAMLHDAVAYE					
DG119-1	Hs		FKQGRWSNSYKLPYSWIGTGHVVYNGAFYYNRAFTRNIIKYDLKQRYVAAWAMLHDAVAYE					
DG119-1a	Dr		FKQGRFTNSYKLPYNWIGTGHVVYKGAFFYYNRAFSRDI IKFDLRLRYVAAWTMLHDAVFE					
DG119-1b	Dr		FKQGQVSNYSYKLPYNWIGTGHVVYSGSFFYYNRAFSRDI IRFDLRLRYVAAWTMLHDAITLE					
DG119-2a	Dr		----- ----- ----- ----- ----- -----					
DG119-2b	Dr		----- ----- ----- ----- ----- -----					
DG119-2	Mm		FKQGRWSNMYKLPYNWIGTGHVVYQGAFFYYNRAFTKNIIKYDLRQRFVSWALLPDVVYE					
DG119-2	Hs		FKQGRWSNMYKLPYNWIGTGHVVYQGAFFYYNRAFTKNIIKYDLRQRFVSWALLPDVVYE					
			----- ----- ----- ----- ----- -----					
			Olfactomedin-like domain					
			----- ----- ----- ----- ----- -----					
			850	860	870	880	890	900
			----- ----- ----- ----- ----- -----					
DG119-1	Mm		--EATFWRWQGHSDVDFAVDENGWLVIYPALDD-EGFNQEVIVLSKLNAVDLSTQKETT					
DG119-1	Hs		--EATFWRWQGHSDVDFAVDENGWLVIYPALDD-EGFSQEVIVLSKLNAADLSTQKETT					
DG119-1a	Dr		NDDVSSWRWRGNSDMDLAIDESGLWVIYPALDD-EGFLQEVIVLSRLNPTDLSMKRETT					
DG119-1b	Dr		-EEEAPWTWGGHSDIDF SVDESGLWLVYPALDD-EGFHQEVII LSKLRASDL--QKEKSW					
DG119-2a	Dr		----- ----- ----- ----- ----- -----					
DG119-2b	Dr		----- ----- ----- ----- ----- -----					
DG119-2	Mm		--DTTPWKWRGHSIDFVAVDESGLWVIYPVAVDEHDETQHEVIVLSRLDPADLSVHRETT					
DG119-2	Hs		--DTTPWKWRGHSIDFVAVDESGLWVIYPVAVDDRDEAQPEVIVLSRLDPADLSVHRETT					
			----- ----- ----- ----- ----- -----					
			Olfactomedin-like domain					
			----- ----- ----- ----- ----- -----					
			910	920	930	940	950	960
			----- ----- ----- ----- ----- -----					
DG119-1	Mm		RTGLRRNFYGNCFVICGVLYAVDSYNQRNANISYAFDTHNTQIVPRLLFENEYSYTTQI					
DG119-1	Hs		RTGLRRNFYGNCFVICGVLYAVDSYNQRNANISYAFDTHNTQIVPRLLFENEYSYTTQI					
DG119-1a	Dr		RTGLRRNRYGNCFVICGVLYATDSYNQDNTNLSYAFDTHNTQIVPHLPFSNNYTYVTQI					
DG119-1b	Dr		RTGLRRNRYGNCFVICGVLYAVDSFERTHANISYAFDTHNTQIVPHLPFSNNYTYVTQI					
DG119-2a	Dr		----- ----- ----- ----- ----- -----					
DG119-2b	Dr		----- ----- ----- ----- ----- -----					
DG119-2	Mm		KTRLRRNSYGNCFVLCGILYTVDTYNQHEGQVAYAFDTHGTDAHPQLPFLNEYSYTTQV					
DG119-2	Hs		KTRLRRNSYGNCFVLCGILYAVDTYNQHEGQVAYAFDTHGTDAHPQLPFLNEHAYTTQI					
			----- ----- ----- ----- ----- -----					
			Olfactomedin-like domain					
			----- ----- ----- ----- ----- -----					
			970	980	990	1000	1010	1020
			----- ----- ----- ----- ----- -----					
DG119-1	Mm		DYNPKDRLLYAWDNGHQVTTYHVFAY					
DG119-1	Hs		DYNPKDRLLYAWDNGHQVTTYHVFAY					
DG119-1a	Dr		DYNPKERVLYAWDNGHQVTTYNVQFAY					
DG119-1b	Dr		DYNPKERMLYAWDNGHQVTTYDVIF--					
DG119-2a	Dr		----- ----- ----- ----- ----- -----					
DG119-2b	Dr		----- ----- ----- ----- ----- -----					
DG119-2	Mm		DYNPKERVLYAWDNGHQVTTYTLHFVV					
DG119-2	Hs		DYNPKERVLYAWDNGHQVTTYTLHFVV					
			Olfactomedin-like dom.---					

Fig. 7 (cont.)

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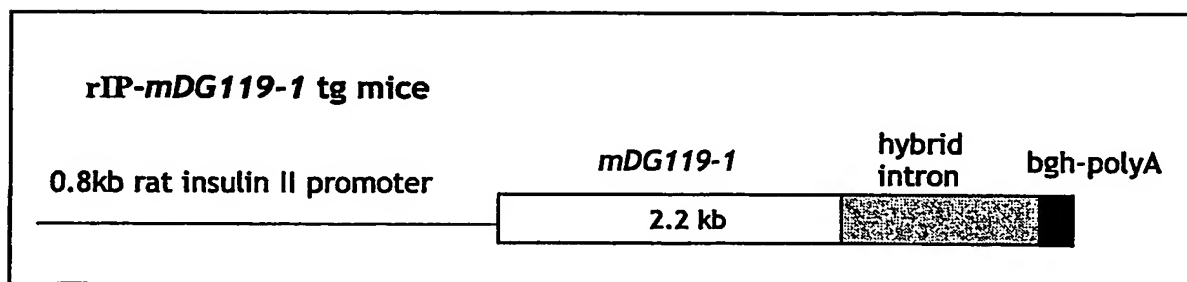


Fig. 8A

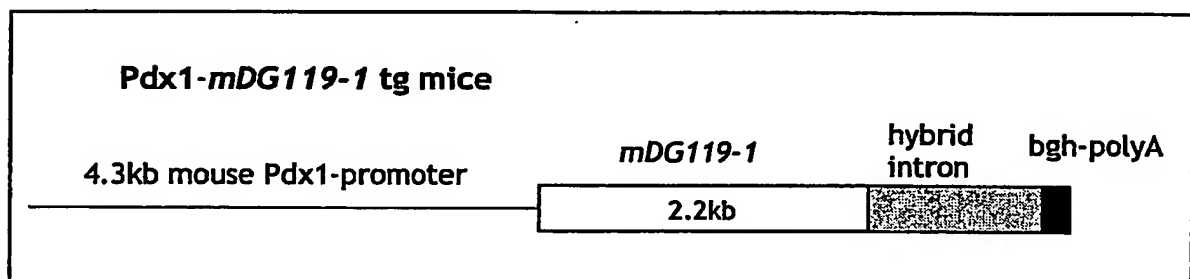


Fig. 8B

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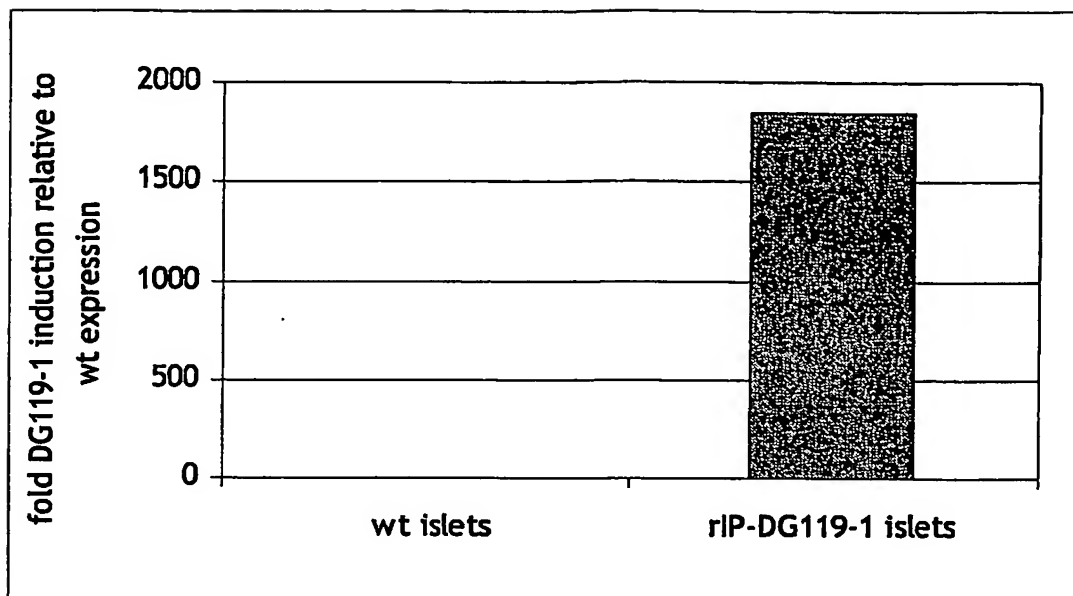


Fig. 9A

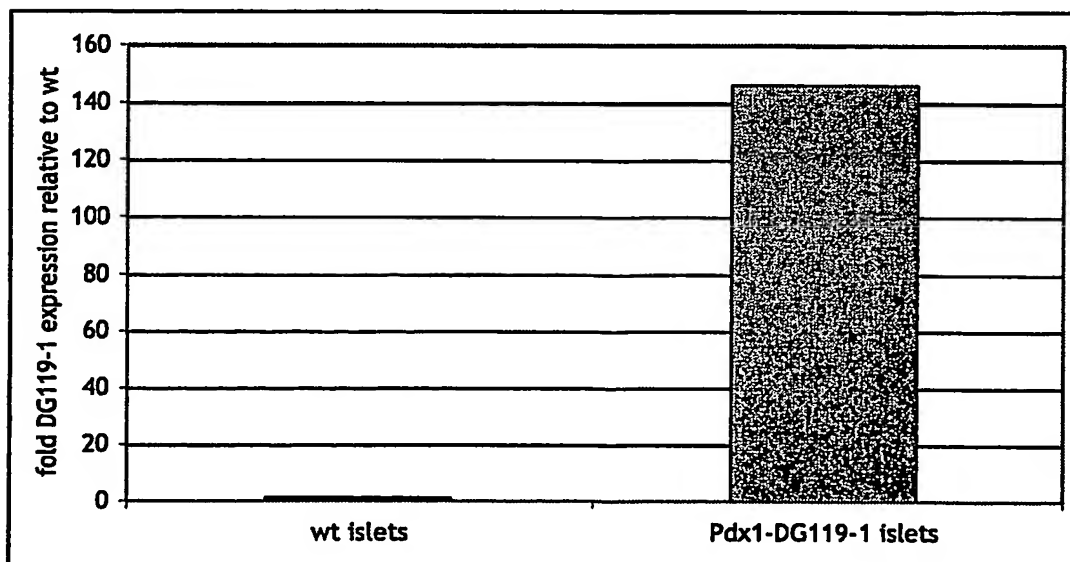


Fig. 9B

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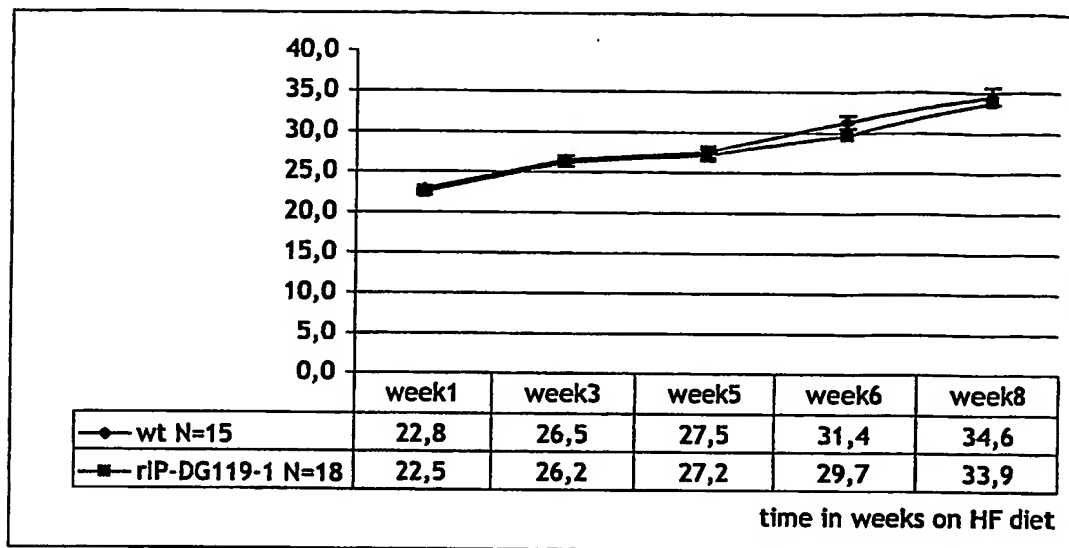


Fig. 10A

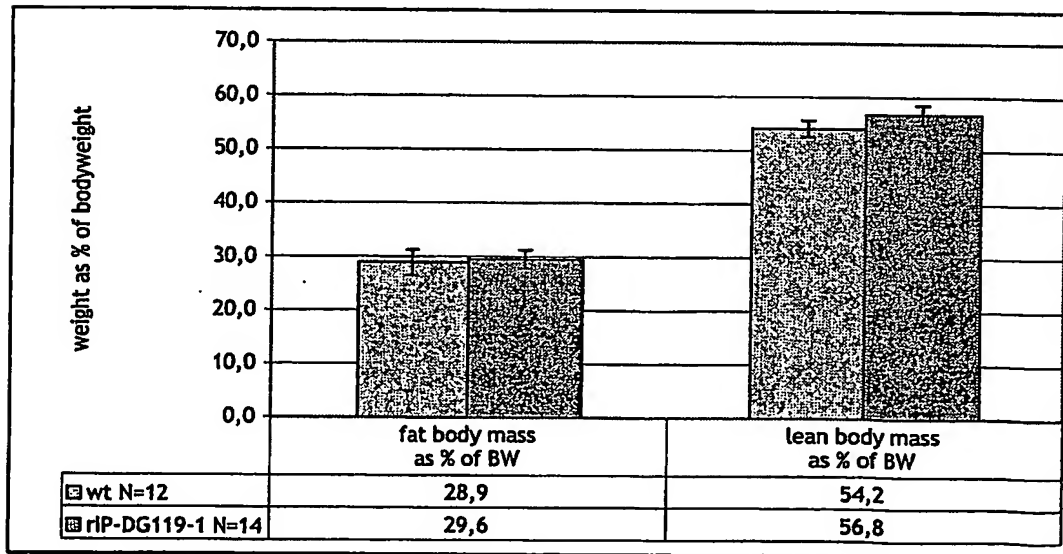


Fig. 10B

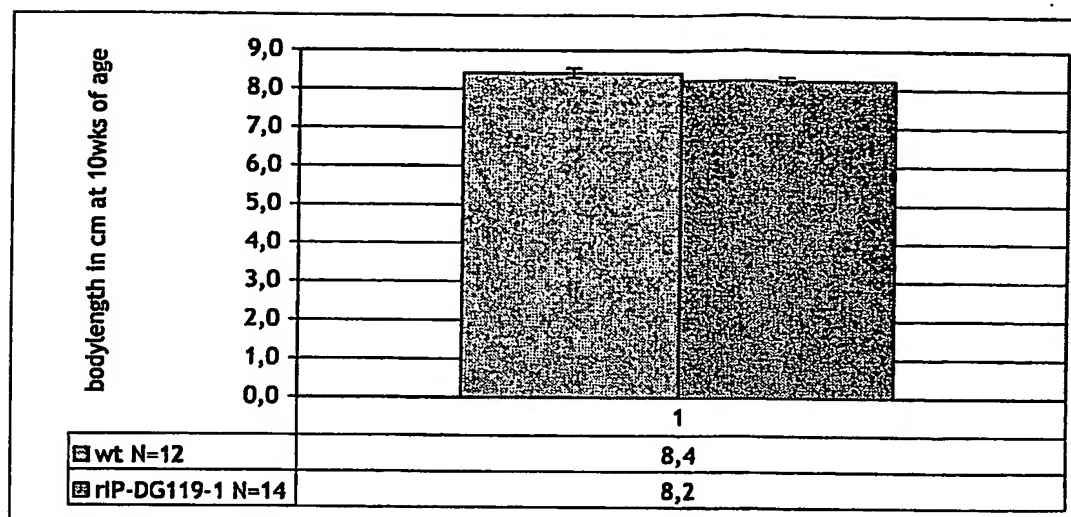


Fig. 11

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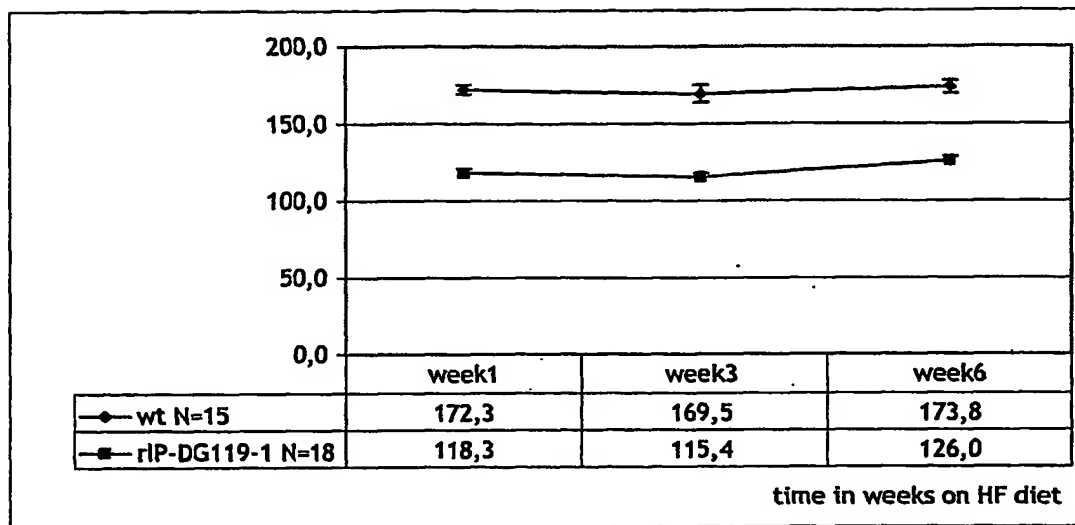


Fig. 12A

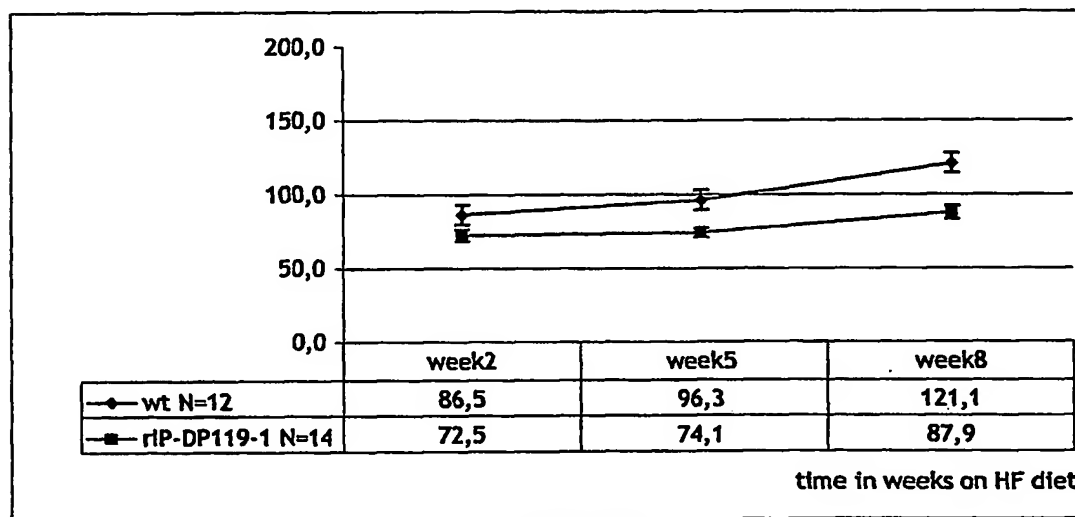


Fig. 12B

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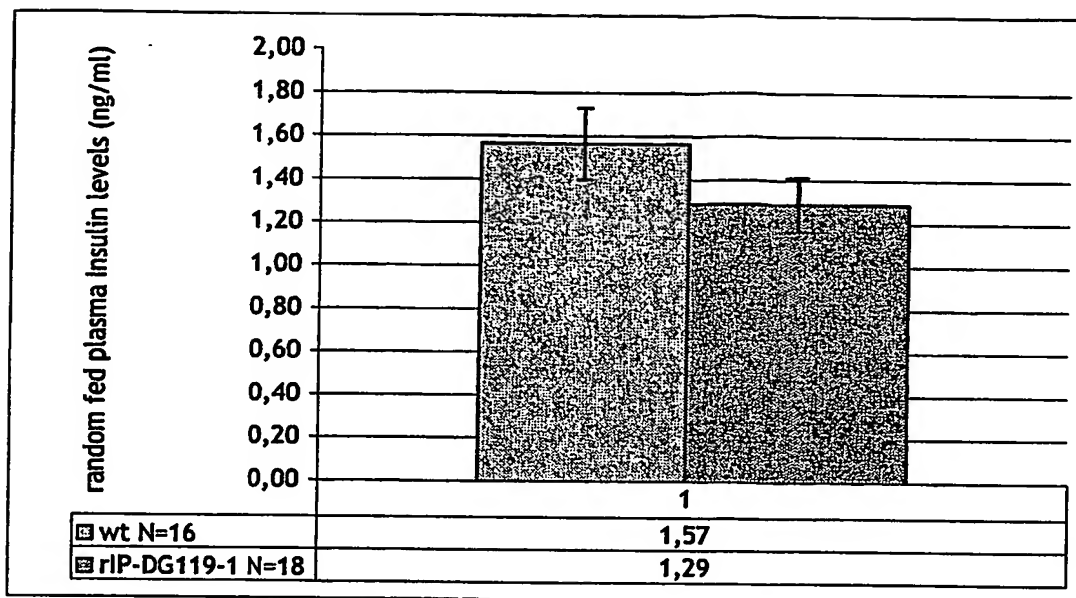


Fig. 13A

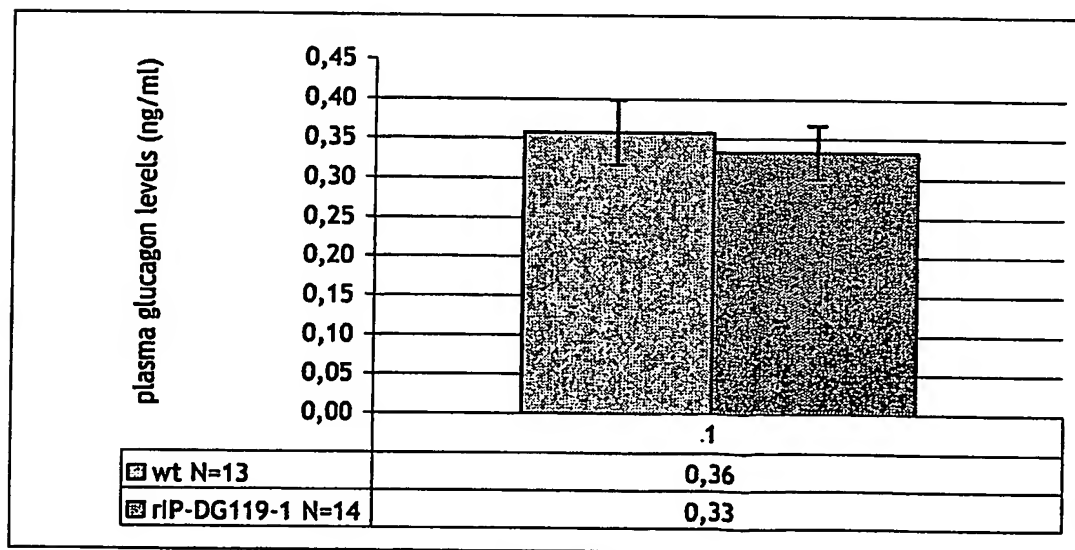


Fig. 13B

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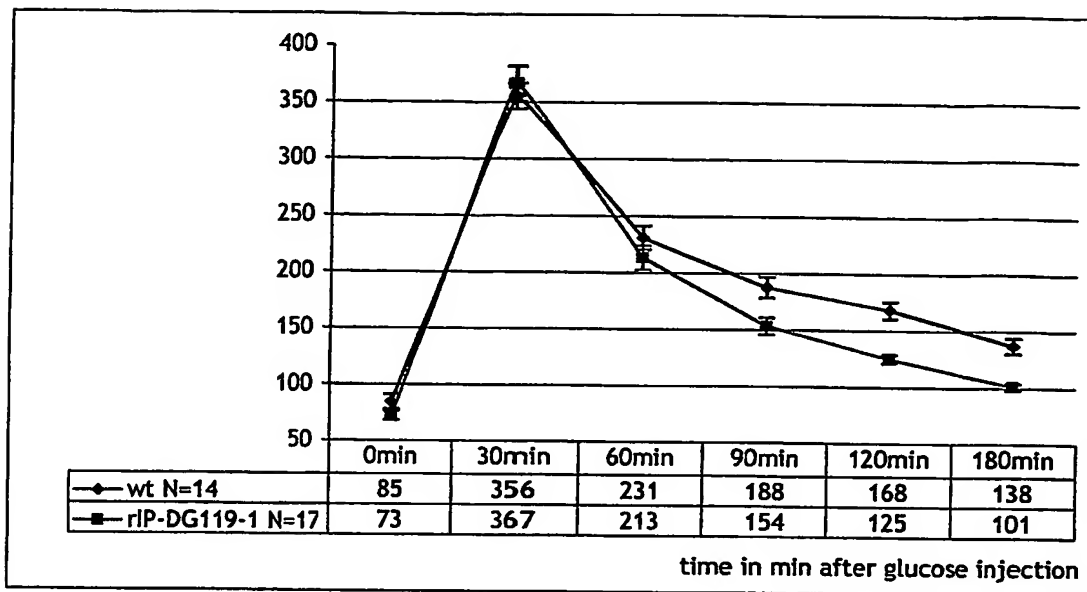


Fig. 14A

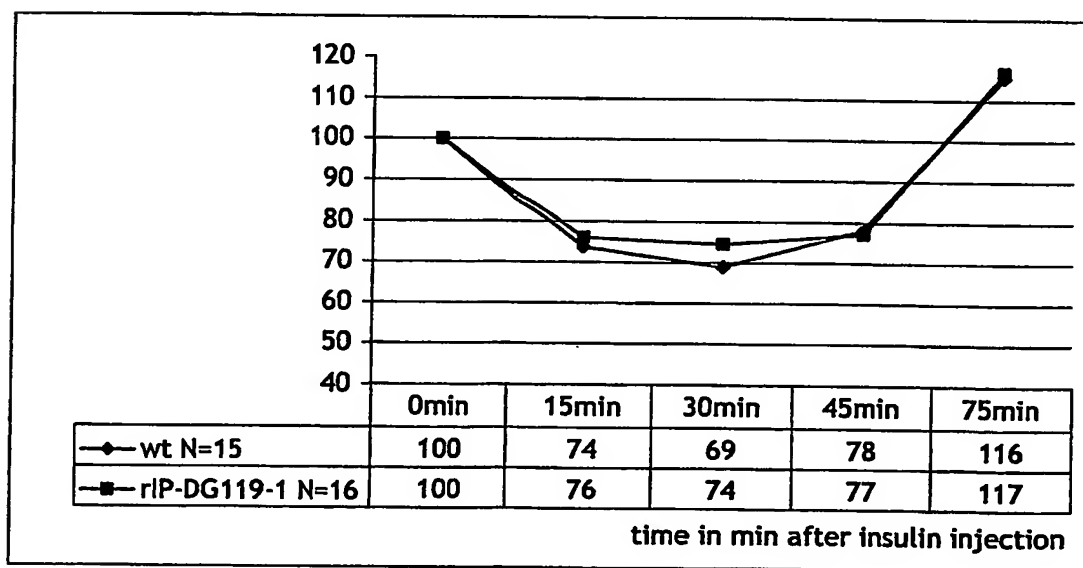


Fig. 14B

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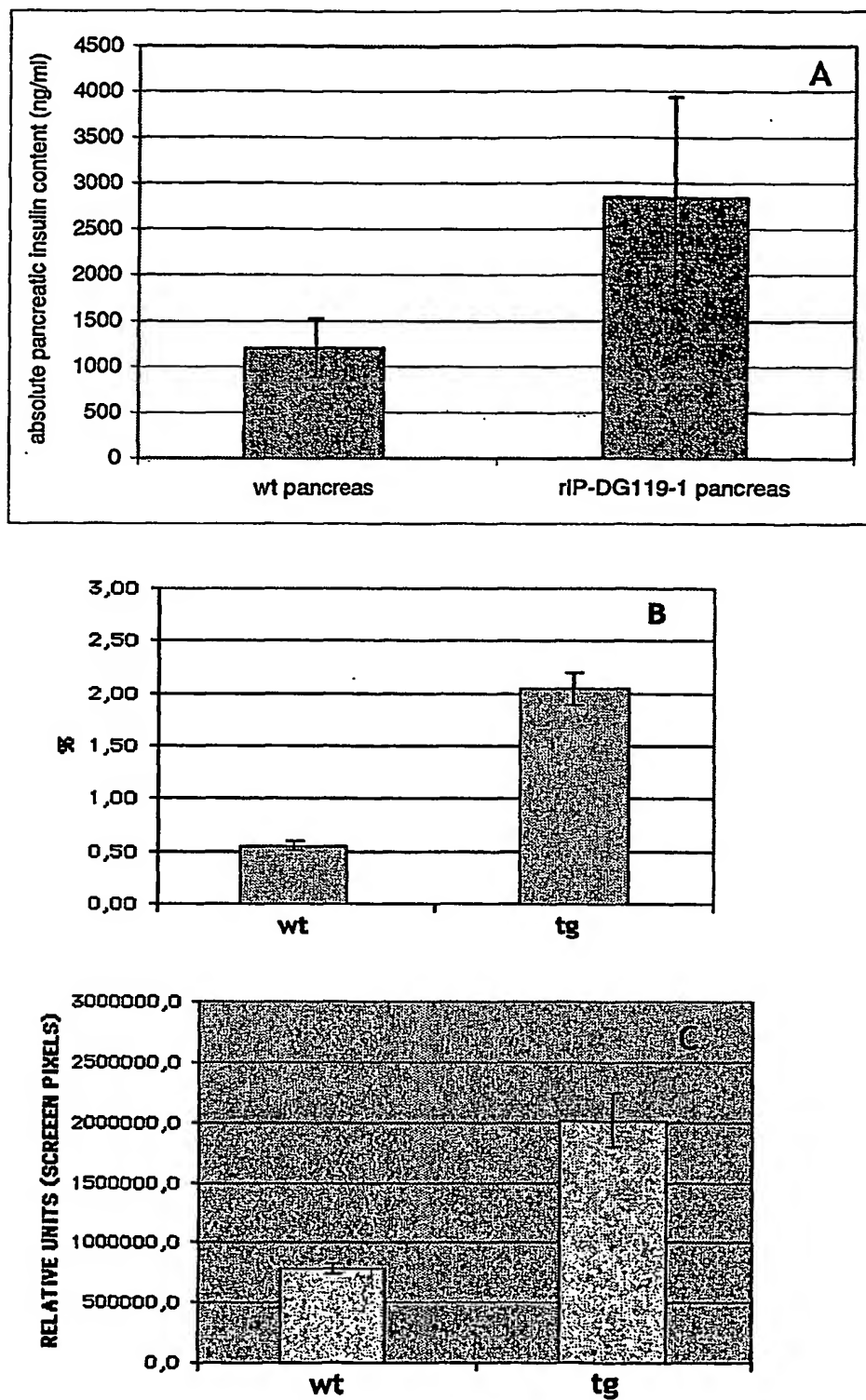


Fig. 15

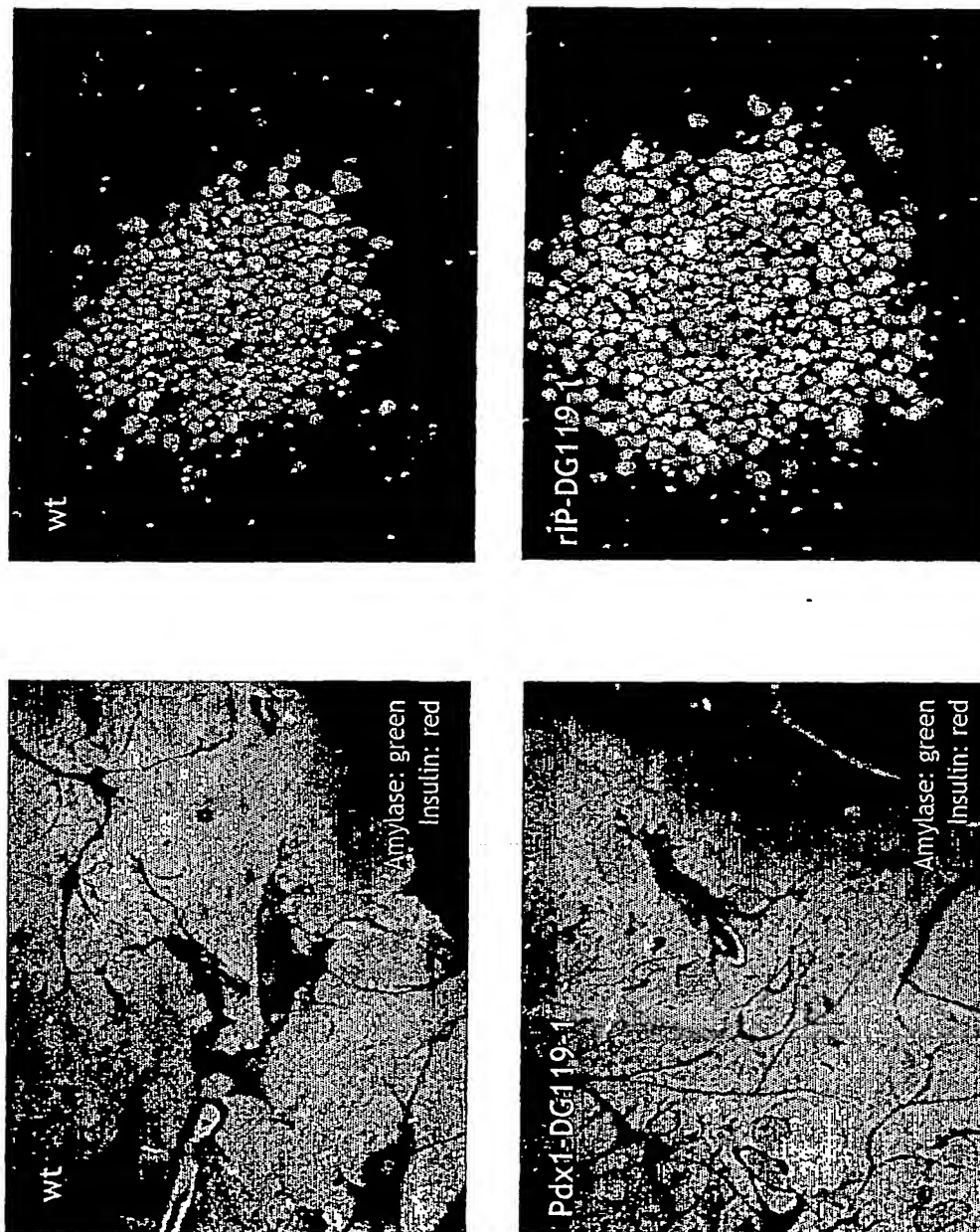


Fig. 16

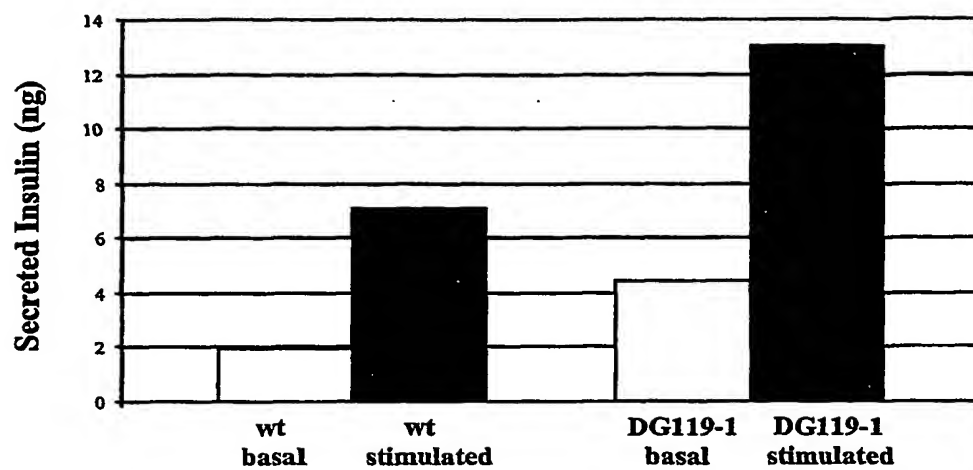


Fig. 17